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28 January 2004

INTELLECTUAL PROPERTY LAW

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Mail Stop: Patent Application

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Inventor: 1) CHANG-RAE JEONG
2) GUI-JUNG LEE
3) TAE-HOON PARK

Title: MULTI-SECTOR IN-BUILDING REPEATER

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 6 sheets, Figures 1 through 6

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic Of Korea Application No. 2003-6149 filed on 30 January 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45217 & #45218)

Basic Fee \$385/770 **\$770.00**

Additional Fees:

Total number of claims in excess of 20: 1 times \$9/18 **\$18.00**

Number of independent claims in excess of 3: 1 times \$43/86 **\$86.00**

Multiple Dependent Claims \$145/290 **\$0.00**

An Assignment is likewise enclosed: Recording Fee \$40... **\$40.00**

Filing Non-English specification **\$0.00**

TOTAL FEES FOR THE ABOVE APPLICATION \$914.00

31355 U.S. PTO
10/765126



13281
012804
U.S. PATENT AND TRADEMARK OFFICE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FREE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	To be Assigned
Filing Date	28 January 2004
First Named Inventor	CHANG-RAE JEONG et al.
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT	(\$) <u>914.00</u>	Attorney Docket No.	P56924
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METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

3. ADDITIONAL FEES

Deposit Account Number: 02-4943
Deposit Account Number: _____

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840 *	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$40.00
1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810	385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: (CHECK #45217 & #45218)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$)770.00

2. EXTRA CLAIM FEES

			Extra Claims		Fee from below	Fee Paid
Total claims	21	-20** =	1	x	\$18.00	= \$18.00
Independent Claims	4	-3** =	1	x	\$86.00	= \$86.00

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1201	86	2201	43	Independent claims in excess of 3	
1202	18	2202	9	Claims in excess of 20	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	


SUBTOTAL (2) (\$)104.00

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.		R g. Number	27,774
Signature		Date	28 January 2004	Dep sit Acc unt Us r ID

REB/sb

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Inventor: 1) CHANG-RAE JEONG
 2) GUI-JUNG LEE
 3) TAE-HOON PARK

Title: MULTI-SECTOR IN-BUILDING REPEATER


Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,



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